

Work Order ID 150634

Monday, August 29, 2016 2:51:30 PM

150634

Page 1

Item ID: 649.5010E

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Deflector

Start Date: 8/11/2016

Start Qty: 72.00

72

Cust Item ID:

Required Date: 8/29/2016

Req'd Qty: 72.00

72

Customer:

Reference:

Approvals:

Process Plan: U

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

646.4700

Rev C 4/11

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Issue P/O: 33553

a) Description: EXTRUSION FOR DEFLECTOR

e) Material: 7075-T6

f) Material certification required

72

SEP 07 2016

DAS
13
9-89

110

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

Ensure material certification is attached

84^F 8/16-11-24

120

120

QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

Ensure Material certification comply to Dwg 649.5000

84DAS
14
9-8911/12/02

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Work Order ID 150634

Monday, August 29, 2016 2:51:30 PM

150634

Page 2

Item ID: 649.5010E

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Deflector

Start Date: 8/11/2016 Start Qty: 72.00

72

Cust Item ID:

Required Date: 8/29/2016 Req'd Qty: 72.00

72

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: MAT036	0.00							DAS 14 9-89
130						84			
Packaging	Memo	0.00							
Packaging	LOCATION: MAT036								16/12/02
140	QC21 - Final Inspection - Work Order Release	0.00							
140									DAS 21 9-89
QC	Memo	0.00							DEC 02 2016
Quality Control									DAS 21 9-89

DEC 02 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
3AG 31 CS-C				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Monday, August 29, 2016 2:51:30 PM

Page 1

Work Order ID: 150634

150634

Parent Item: 649.5010E

649 5010F

Parent Item Name: Deflector

Start Date: 8/11/2016

Required Date: 8/29/2016

Start Qty: 72.00

Required Qty: 72.00

Comments: IPP REV:A NEW ISSUE 12-10-26 JLM VERIOFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
649.5010P *649 5010P* Deflector		Purchased	No				f	0.0000	**	72 <i>84K 16-11-24.</i>			

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

04240

SHEET 1 OF 1

DWG NO. 649.5000

REV: C

PREPARED BY J. SOTO

DATE: 11/14/2013

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY: ENGR

[Signature]

MFG

[Signature]

QC

[Signature]

EFF. NEXT ORDER

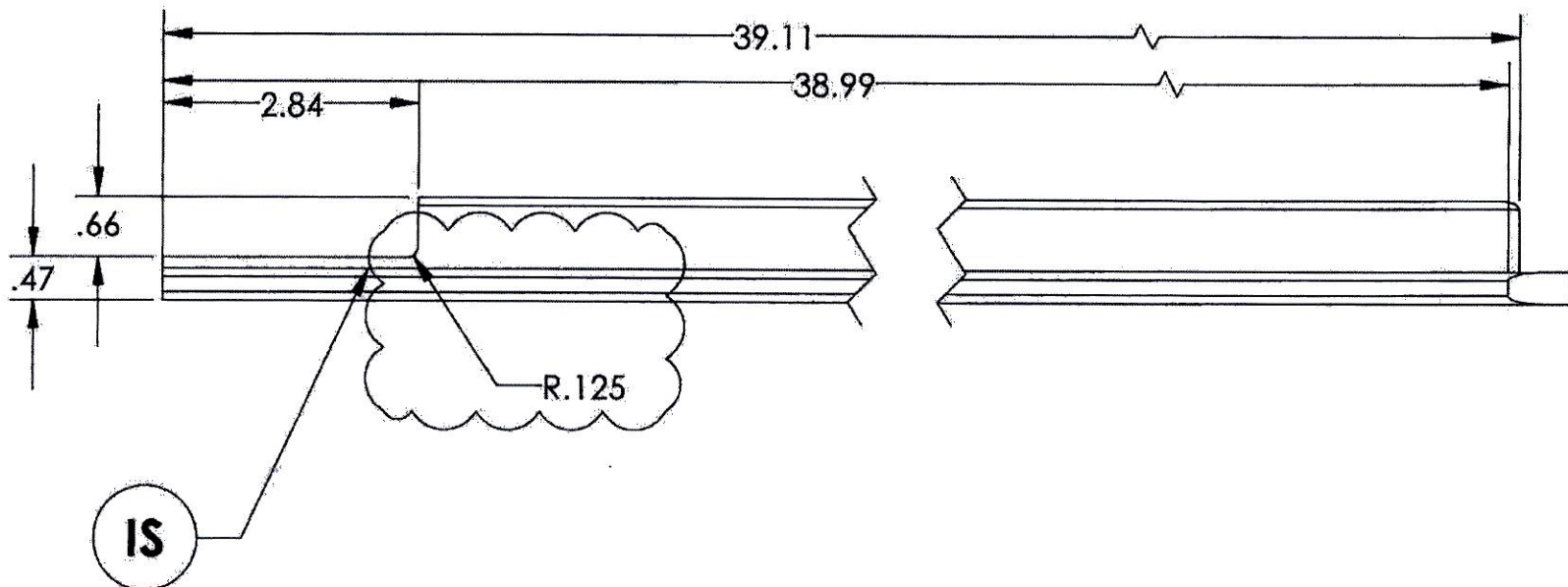
TRANSACTION CODES (TC):
A-ADD
R-REVISE
C-CREATE
D-DELETE

REASON: REVISED CORNER DIMENSION

ECR:
D - 13-039

SHEET 1, ZONE B2 IS:

w/o 150634



DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03693				SHEET 1 OF 1	
	DWG NO. 649.5000	REV: C	PREPARED BY B. PETERS	DATE: 11/14/12	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: DEFLECTOR					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC) A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL.				ECR: D-12-001	

IS

1 PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

SHEET 1, ZONE A2 IS:

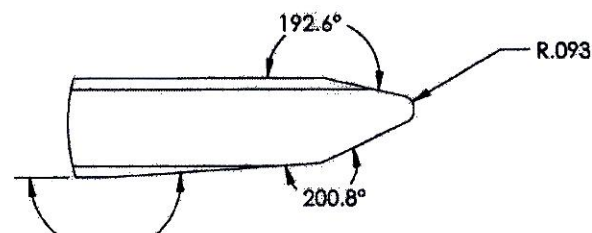
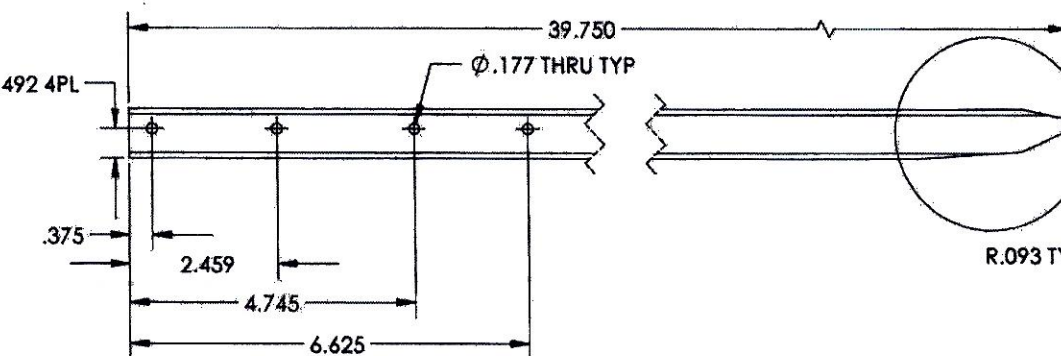
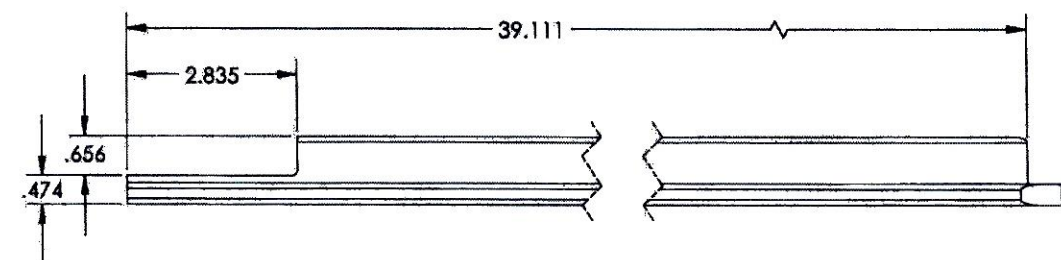
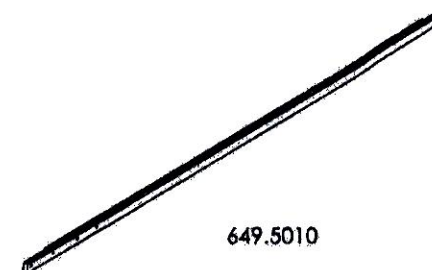
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
☐ RFMS ☐ MDL ☐ INSTALL INSTRU ☐ ICA ☐ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO

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NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
3. DE BURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION, 12 PT. CENTURY GOTHIC.
5. ALL DIMENSIONS SHOWN PRIOR TO FINISH.
6. PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5010 DEFLECTOR.SLDPRG, LAST MODIFIED 04-16-12.
7. PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5012 DEFLECTOR.SLDPRG, LAST MODIFIED 11-03-11.
8. PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5013 DEFLECTOR.SLDPRG, LAST MODIFIED 04-16-12.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	LAST PROTOTYPE REVISION: PRC		R/A
2	INITIAL RELEASE	11-05-11	P. BRAVO
3	INCORPORATED ECN 03032 AND 03078	04-16-12	P. BRAVO
4	INCORPORATED ECN 03051	05-02-12	P. BRAVO
5	INCORPORATED ECN 03051	05-22-12	P. BRAVO



DETAIL A
SCALE 1:1

UNINCORPORATED ECN(s)

031093, 04240

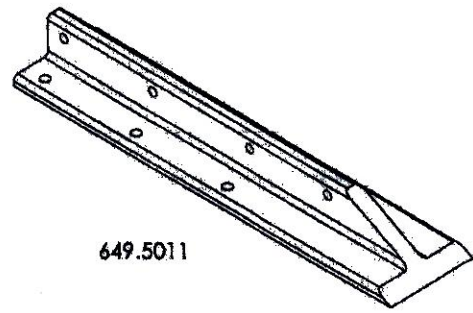
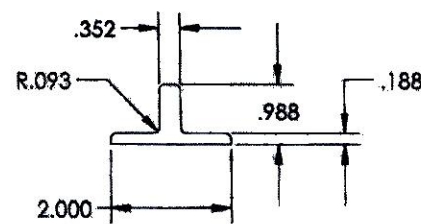
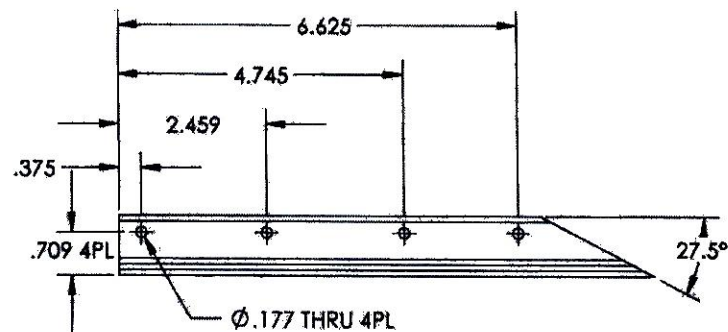
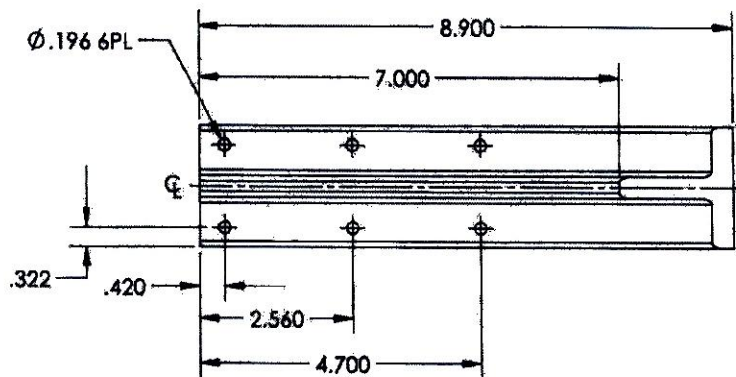
QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
4		649.5013	DEFLECTOR	△	△△
3		649.5012	DEFLECTOR	△	△△
2		649.5011	DEFLECTOR	△	△
1		649.5010	DEFLECTOR	△	△△

QTY	DESCRIPTION	DATE	APPROVED
4	DEFLECTOR	11-05-11	P. BRAVO
3	DEFLECTOR	04-16-12	P. BRAVO
2	DEFLECTOR	05-02-12	P. BRAVO
1	DEFLECTOR	05-22-12	P. BRAVO

ORIGINAL DATE 04-16-12	DESIGNED BY A. GUSA	CHECKED BY P. BRAVO
APPROVED BY P. BRAVO	CONTRACT NO.	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.010 2 PLACE DECIMALS ±.020 ANGLES ±.5°	REV. (CASE CODE) B 07M16	DWG. NO. 649.5000	REV. C
SCALE NONE	SHEET 1 OF 4		

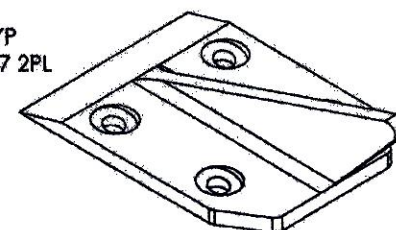
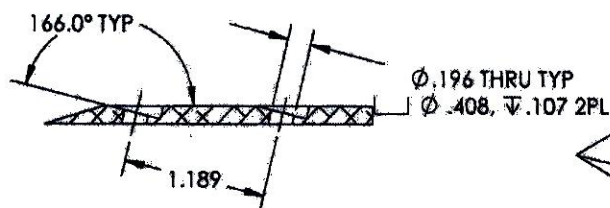
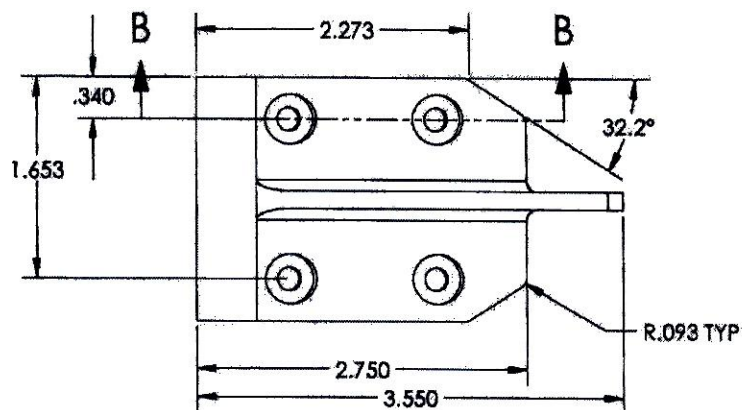
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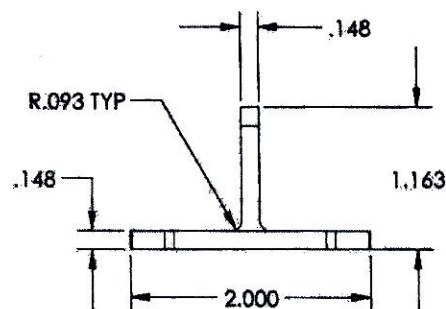
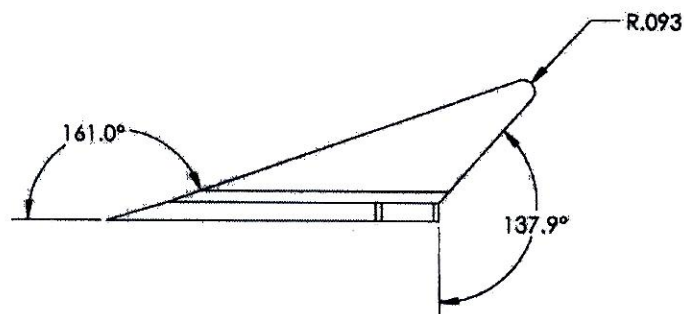
649.5011

ORIGINAL DATE 11-08-11		APICAL INDUSTRIES	
DRAWN BY A. QUINN		2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKED BY J. MARVO		DEFLECTOR	
CONTRACT NO.		649.5000	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .010$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SER. CAGE CODE B 07M26	REV C
SCALE: NONE		DWG. NO.	SHEET 2 OF 4

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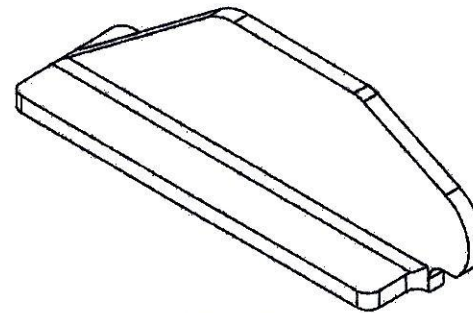
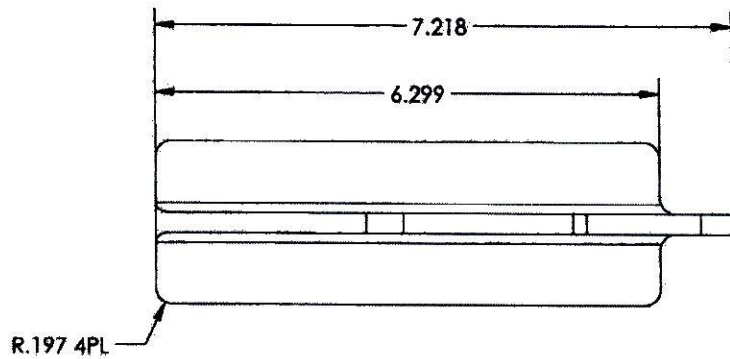


649.5012

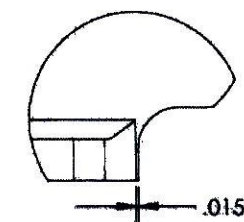
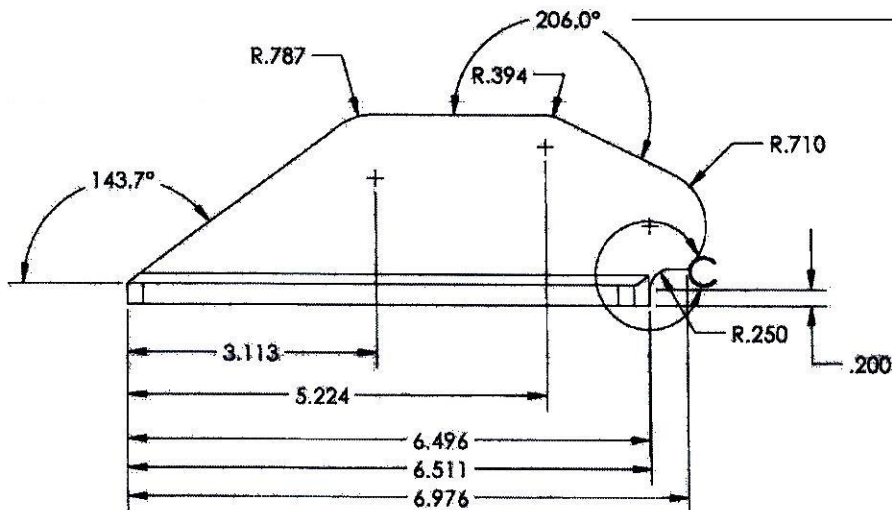


ORIGINAL DATE 11-29-11 DRAWN BY A. CHAP CHECKED BY J. BRAY DRAWING APPROVAL P. BRAY UTILITY CONTRACT NO.		APICAL INDUSTRIES 2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ± .015 ANGLES ± .5°		QTY B	DWS. NO. 649.5000
SCALE NONE		REV C	SHEET 3 OF 4

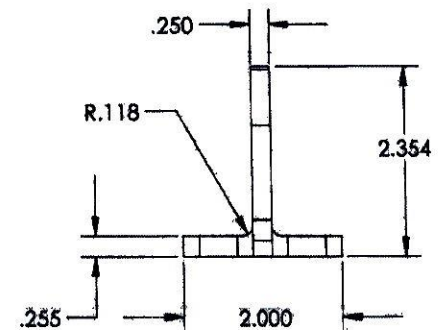
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649.5013



DETAIL C
SCALE 2 : 1.5



APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DEFLECTOR	
DESIGNED BY: J. BRAY DRAWN BY: J. BRAY CHECKED BY: J. BRAY DATE: 11/23/11 CONTRACT NO.:	DWD NO.: 649.5000 REV. C SCALE: NONE SHEET 4 OF 4



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33553**

Purchase Order Date 9/7/2016

PO Print Date 9/7/2016

Page Number 1 of 2

Order From :

UNIVERSAL ALLOY CORPORATION
2871 LA MESA
P.O. BOX 6316

VU-UAC001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

ANAHEIM, CALIFORNIA 92816-8316
USA

SEP 07 2016

Contact Name

Vendor Phone 678-880-1429

Buyer

Chantal Lavoie

Customer POID

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	649.5010P ✓	Deflector ✓	10/19/2016 Yes 10/19/2016		72.00 f	\$12.96	\$933.12

AS PER DWG 649.5010 REV. C
B150634
MATERIAL: 7075-T6511 AMS-QQ-A-200/11

6 PCS OF 144"

rec 84 f

Line Total: \$933.12

2	71401-45	PROCUREMENT QUALITY CLAUSES	10/19/2016		1.00	\$0.00	\$0.00
---	----------	--------------------------------	------------	--	------	--------	--------

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality document

No
10/19/2016

8/16-11-24

O Instructions: QUOTE # 376082

Note:

9/7/2016



Canada Border
Services Agency

Agence des services
frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED
PROTÉGÉ

B when completed
une fois rempli

Page
of
de

1. Vendor (name and address) - Vendeur (nom et adresse)

Universal Alloy Corporation
180 Lamar Haley Parkway
Canton, Ga. 30114

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

10-07-16

3. Other references (include purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

P.O.#

4. Consignee (name and address) - Destinataire (nom et adresse)

Dart Aerospace
1270 Aberdeen
Hawkesbury, Ontario CN
K6A 1K7

5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Dart Aerospace
1270 Aberdeen
Hawkesbury, Ontario CN

6. Country of transshipment - Pays de transbordement

K6A 1K7

7. Country of origin of goods
Pays d'origine des marchandises
USA

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS
ENTER ORIGINS AGAINST ITEMS IN 12
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES
DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport: Précisez mode et point d'expédition directe vers le Canada

Journey

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

10. Currency of settlement - Devises du paiement

US Dollars

11. Number of packages
Nombre de colis

12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality)
Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)

Schedule B # 7610900050

PO# P0335S3 Heml
498597-1
7 pcs x 144" = 84 FT

TAX ID# 952146793

13. Quantity
(state unit)
Quantité
(précisez l'unité)

84 FT.

Selling price - Prix de vente

14. Unit price
Prix unitaire

15. Total

12.96 / FT

\$16,088.64

8816-11-24

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case



Commercial Invoice No. - N° de la facture commerciale

16. Total weight - Poids total

Net

Gross - Brut

45

111

17. Invoice total
Total de la facture

\$16,088.64

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

Journey

22. If fields 23 to 25 are not applicable, check this box
Si les zones 23 à 25 sont sans objet, cochez cette case



23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance
from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances
à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly
incurred after importation into Canada
Les coûts de construction, d'érection et
d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance
to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances
jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying
commissions
Les commissions autres que celles versées
pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are
paid or payable by the purchaser
Des redevances ou produits ont été ou seront
versés par l'acheteur



(ii) The purchaser has supplied goods or services
for use in the production of these goods
L'acheteur a fourni des marchandises ou des
services pour la production de ces
marchandises



OMB No. 1651-0098
Exp. 03-31-2012

19 CFR 181.11, 181.22

I CERTIFY THAT:

- THE INFORMATION ON THIS DOCUMENT IS TRUE AND ACCURATE AND I ASSUME THE RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS. I UNDERSTAND THAT I AM LIABLE FOR ANY FALSE STATEMENTS OR MATERIAL OMISSIONS MADE ON OR IN CONNECTION WITH THIS DOCUMENT;
- I AGREE TO MAINTAIN AND PRESENT UPON REQUEST, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATE, AND TO INFORM, IN WRITING, ALL PERSONS TO WHOM THE CERTIFICATE WAS GIVEN OF ANY CHANGES THAT COULD AFFECT THE ACCURACY OR VALIDITY OF THIS CERTIFICATE;
- THE GOODS ORIGINATED IN THE TERRITORY OF ONE OR MORE OF THE PARTIES, AND COMPLY WITH THE ORIGIN REQUIREMENTS SPECIFIED FOR THOSE GOODS IN THE NORTH AMERICAN FREE TRADE AGREEMENT AND UNLESS SPECIFICALLY EXEMPTED IN ARTICLE 411 OR ANNEX 401, THERE HAS BEEN NO FURTHER PRODUCTION OR ANY OTHER OPERATION OUTSIDE THE TERRITORIES OF THE PARTIES; AND
- THIS CERTIFICATE CONSISTS OF PAGES, INCLUDING ALL ATTACHMENTS.

11.	11a. AUTHORIZED SIGNATURE <i>Donna Tippens</i>		11b. COMPANY Universal Alloy Corporation	
	11c. NAME DONNA TIPPENS		11d. TITLE LIGHT PRESS SHIPPING COORDINATOR	
	11e. DATE 10-7-16	11f.	(Voice)	(Facsimile)

SHIPPER NO. 498597-1	UACPART NO. 66761	UNIVERSAL ALLOY CORPORATION 180 LAMAR HALEY PKWY CANTON, GA USA 30114 (770) 479-7230	
PRODUCTION LOTS C712510 @5 PCS, C714250 @2 PCS			

S H I P T O	DART AEROSPACE 1270 ABERDEEN HAWKESBURY, ONTARIO CN, K6A 1K7		S O L D T O	DART AEROSPACE 1270 ABERDEEN HAWKESBURY, ONTARIO CN, K6A 1K7			
	CUSTOMER'S P.O. NO. PO33553 item 1			ORDER PLACED BY CHANTAL		CUSTOMER'S PART NUMBER 649.5010-EXT ALUMINUM EXTRUSION	
	TERMS NET 60			ALLOY 7075 T6511		SPECIFICATION NO. AMS-QQ-A-200/11 REV. A	
	SHIP VIA JOURNEY FREIGHT			ECCN#		DATE SHIPPED 10/07/2016	
			FREIGHT CHARGES PREPAID ☐ COLLECT ☒		SHIPMENT PARTIAL ☐ COMPLETE ☒		
					CERTIFICATIONS ATTACHED ☒ TO FOLLOW ☐		

QUANTITY SHIPPED					
FEET 84	PIECES X LENGTH 7 X 144.	NET PER PC 6.43	NET POUNDS 45	GROSS POUNDS 111	BOX 2 bundles of 2 Standard US
RECEIVED BY X			DATE	TIME	boxes

UNIVERSAL ALLOY CORPORATION ACCEPTS NO RESPONSIBILITY FOR ERROR IN SHIPMENT IF YOU FAIL TO NOTIFY US WITHIN 3 DAYS OF RECEIPT. NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT.

SHIPPER NO. 498597-1	UACPART NO. 66761	UNIVERSAL ALLOY CORPORATION 180 LAMAR HALEY PKWY CANTON, GA USA 30114 (770) 479-7230	
PRODUCTION LOTS C712510 @5 PCS, C714250 @2 PCS			

S H I P T O	DART AEROSPACE 1270 ABERDEEN HAWKESBURY, ONTARIO CN, K6A 1K7		S O L D T O	DART AEROSPACE 1270 ABERDEEN HAWKESBURY, ONTARIO CN, K6A 1K7			
	CUSTOMER'S P.O. NO. PO33553 item 1			ORDER PLACED BY CHANTAL		CUSTOMER'S PART NUMBER 649.5010-EXT ALUMINUM EXTRUSION	
	TERMS NET 60			ALLOY 7075 T6511		SPECIFICATION NO. AMS-QQ-A-200/11 REV. A	
	SHIP VIA JOURNEY FREIGHT			ECCN#		DATE SHIPPED 10/07/2016	
			FREIGHT CHARGES PREPAID ☐ COLLECT ☒		SHIPMENT PARTIAL ☐ COMPLETE ☒		
					CERTIFICATIONS ATTACHED ☒ TO FOLLOW ☐		

QUANTITY SHIPPED					
FEET 84	PIECES X LENGTH 7 X 144.	NET PER PC 6.43	NET POUNDS 45	GROSS POUNDS 111	BOX 2 bundles of 2 Standard US
RECEIVED BY X			DATE	TIME	boxes

UNIVERSAL ALLOY CORPORATION ACCEPTS NO RESPONSIBILITY FOR ERROR IN SHIPMENT IF YOU FAIL TO NOTIFY US WITHIN 3 DAYS OF RECEIPT. NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT.

501611-24



EXTRUSION MILL CERTIFICATE OF CONFORMANCE

Inspection & Test Report

Page 1 / 1

Customer	DART AEROSPACE LTD, 1270 ABERDEEN		
Certificate Date	09/27/2016	Purchase Order	PO33553 / 1
Material	7075	Order Number	498597
Temper	T6511	Part Number	649.5010-EXT Rev. C
Specification(s)	AMS-QQ-A-200/11 REV. A		

Chemical Composition Limits		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	
										Each	Total
*Remainder aluminium	Min	0.0	0.0	1.2	0.0	2.1	0.18	5.1	0.0		
	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15

Tensile Test Results				UTS	TYS	Elongation
Lot No.	Temper	Orient.	Location	ksi	ksi	%
C712510	T6511	L	Rear	88.5	80.8	15.0

Additional Information

DAS
14
9-89 16/12/02

This is to certify that material applied to the above order covered by this test report has been inspected in accordance with the specifications and drawing forming a part of this order and complies with the contract. Representative material has been tested and found to meet the applicable requirements. Further shown are the composition limits and laboratory test results. Documentation verifying conformance to these requirements is on file and available for review.

UNIVERSAL ALLOY CORPORATION 180 Lamar Haley Parkway Canton, GA 30114	 Angie White Metallurgical Lab Manager QUALITY ASSURANCE DEPARTMENT	 UAC QA 12 Lab Approval
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712510T04

COUNTRY OF MELT & MANUFACTURE - U.S.A.
Rev. 04/18/2016



EXTRUSION MILL CERTIFICATE OF CONFORMANCE

Inspection & Test Report

Page 1 / 1

Customer	DART AEROSPACE LTD, 1270 ABERDEEN		
Certificate Date	10/02/2016	Purchase Order	PO33553 / 1
Material	7075	Order Number	498597
Temper	T6511	Part Number	649.5010-EXT Rev. C
Specification(s)	AMS-QQ-A-200/11 REV. A		

Chemical Composition Limits		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti				Others	
													Each	Total
*Remainder aluminium	Min	0.0	0.0	1.2	0.0	2.1	0.18	5.1	0.0					
	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20				0.05	0.15

Tensile Test Results				UTS	TYS	Elongation	
Lot No.	Temper	Orient.	Location	ksi	ksi	%	
C714250	T6511	L	Rear	87.7	79.6	14.2	

Additional Information

DAS
14
9-88 16/12/02

This is to certify that material applied to the above order covered by this test report has been inspected in accordance with the specifications and drawing forming a part of this order and complies with the contract. Representative material has been tested and found to meet the applicable requirements. Further shown are the composition limits and laboratory test results. Documentation verifying conformance to these requirements is on file and available for review.

UNIVERSAL ALLOY CORPORATION 180 Lamar Haley Parkway Canton, GA 30114	 Angie White Metallurgical Lab Manager QUALITY ASSURANCE DEPARTMENT	 Lab Approval
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714250T04

COUNTRY OF MELT & MANUFACTURE - U.S.A.
Rev. 04/18/2016

UAC UNIVERSAL ALLOY CORPORATION®

A COMPANY OF MONTANA TECH COMPONENTS AG

180 Lamar Haley Pkwy
Canton, GA. 30114-8018
770.479.7230 - 888.479.7230 - Fax 770.479.7198

Invoice Number: 796382

Please Remit To:

Universal Alloy Corporation
P.O. Box 732418
Dallas, TX 75373-2418

Please Send All Correspondence to: 180 Lamar Haley Pkwy. Canton, GA 30114

Sold To:
DART AEROSPACE
1270 ABERDEEN

Shipped To:
DART AEROSPACE
1270 ABERDEEN

HAWKESBURY, ONTARIO, CN K6A 1K7

HAWKESBURY, ONTARIO, CN K6A 1K7

18/320

Date 10/7/2016	Shipped Via JOURNEY FREIGHT	Shipper No. 498597-1	Date Shipped 10/7/2016	Terms NET 60
Purchase Order Number PO33553 1		Part Number 649.5010-EXT Rev C		Die Number 10C14966
QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT	
84.000	ALUMINUM EXTRUSION	12.960/FT	\$1,088.64	
NO REJECTED MATERIAL WILL BE ACCEPTED FOR CREDIT OR REPLACEMENT AFTER 30 DAYS FROM DATE OF RECEIPT. UNIVERSAL ALLOY CORP. ACCEPTS VISA, MASTERCARD, AND AMERICAN EXPRESS.			\$1,088.64	

TOTAL
U.S. Dollars

CUSTOMER COPY

Shipment ManifestManifest Number: **155752**

October 7, 2016

Ship To:

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ONTARIO , CN K6A 1K

Ship From:

UNIVERSAL ALLOY CORPORATION
180 LAMAR HALEY PKWY
CANTON , GA 30114
(888) 479-7230

Cust. PO # : PO33553 Rev 0**Order No. :** 498597 PO Item 1**Invoice Date :****Cust. Part # :** 649.5010-EXT**Alloy -Temper:** 7075-T6511

Serial No.	Lot No	Cut Length (in)	No. of Pieces	Net Weight	Gross Weight	Box Number
1103735	C712510	144.00	5	31	71	1 of 1
1105422	C714250	144.00	2	14	40	1 of 1

Item Total:

7

45

2

7

45

111

2

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 649.5010 E
 DATE: 16/12/02

PO / BATCH NO.: 33553/1506.34

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 84'
 QUANTITY INSPECTED: 84'
 QUANTITY REJECTED: _____

THICKNESS ORDERED: _____
 THICKNESS RECEIVED: _____
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y ☒ N	
CORRECT FINISH	☒ Y N	
CORROSION	Y ☒ N	
CORRECT GRAIN DIRECTION	☒ Y N	
CORRECT MATERIAL	☒ Y N	7075-T6
CORRECT THICKNESS	☒ Y N	
PHOTO REQUIRED	Y ☒ N	
CORRECT MATERIAL	☒ Y N	AMS-DQ-A-200/11
CORRECT REF # TO LINK CERT	☒ Y N	HEAT# C 712510; C 714250
CORRECT MATERIAL IDENTIFICATION	☒ Y N	649.5010 E
CORRECT M# ON THE MATERIAL	☒ Y N	13150634
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y ☒ N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y ☒ N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14 9.89</u> DATE: <u>16/12/02</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in